

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	98	HPNA	USPAT	OR	ON	2007/03/12 08:50
S2	6	("20020003835" "6922407" "200200114325" "6801541" "6781989" "6894999" "6701406").pn.	US-PGPUB; USPAT	OR	ON	2005/12/15 17:36
S3	8	("20020126693"   "20030072316"   "6094441"   "6269104"   "6292467"   "6421735"   "6496869"   "6768720").PN. OR ("6909725").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:21
S4	76	HomePNA	USPAT	OR	ON	2005/12/19 16:47
S6	66	HomePNA and block\$3	USPAT	OR	ON	2005/12/19 16:50
S8	5	HomePNA and (block\$3 near5 frame)	USPAT	OR	ON	2005/12/19 16:50
S12	166	HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)	USPAT	OR	ON	2005/12/19 17:18
S13	24	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block\$ near5 frame)	USPAT	OR	ON	2005/12/19 16:53
S14	10	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block\$ adj frame)	USPAT	OR	ON	2005/12/19 16:56
S16	7	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (Blocking adj frame)	USPAT	OR	ON	2005/12/19 16:58
S17	20	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and Blocking	USPAT	OR	ON	2005/12/19 16:58
S18	51	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1	USPAT	OR	ON	2005/12/19 17:18

S19	19	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1 and capacity	USPAT	OR	ON	2005/12/19 17:21
S20	7	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision\$1 and capacity and IFG	USPAT	OR	ON	2005/12/19 17:21
S21	137	(blocking adj frame)	USPAT	OR	ON	2005/12/20 15:34
S24	104	@ad<"20010220" and (blocking adj frame)	USPAT	OR	ON	2005/12/20 15:35
S25	108	((@ad<"20010220" or @rlad<"20010220") and (blocking adj frame)	USPAT	OR	ON	2005/12/20 15:36
S26	19	((@ad<"20010220" or @rlad<"20010220") and (blocking adj frame)) and network	USPAT	OR	ON	2005/12/20 15:36
S27	34	("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495").pn.	USPAT	OR	ON	2005/12/20 16:51
S28	7	("6922407" "6894999" "6801541" "6781989" "6791406" "20020114325" "20020003835").pn.	US-PGPUB; USPAT	OR	ON	2005/12/20 16:51
S29	6	("6970422" "6963545" "6950397" "6862270" "6850981" "6804222").pn.	USPAT	OR	ON	2006/05/18 08:42
S30	218	(blocking adj frame)	US-PGPUB; USPAT	OR	ON	2006/05/18 13:36
S32	25	(blocking adj frame) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:36

S33	1	"5572678".pn.	USPAT	OR	ON	2006/05/18 16:45
S34	859	370/376,458,459.ccls.	USPAT	OR	ON	2006/05/30 13:50
S35	362	370/376,458,459.ccls. and duration	USPAT	OR	ON	2006/05/18 16:46
S36	2	370/376,458,459.ccls. and duration and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))	USPAT	OR	ON	2006/05/18 16:46
S37	9177	((home adj network\$3) or HN)	USPAT	OR	ON	2006/05/30 13:30
S38	176	telephone near5 ((home adj network\$3) or HN)	USPAT	OR	ON	2006/05/30 13:30
S39	290	@ad< "20010220" and ((telephone near5 ((home adj network\$3) or HN)) or HPN)	USPAT	OR	ON	2006/05/30 13:31
S40	228	("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2")	USPAT	OR	ON	2006/05/30 13:33
S41	120	@ad< "20010220" and ("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2")	USPAT	OR	ON	2006/05/30 18:00
S42	41	S41 and collision\$1	USPAT	OR	ON	2006/05/30 15:17
S44	10	("6862270" "6804222" "6970422" "6850981" "6999442" "6950397" "7031287" "7039032" "6747959" "6963545").pn.	USPAT	OR	ON	2006/05/30 14:13
S45	120	@ad< "20010220" and ("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2")	USPAT	OR	ON	2006/05/31 15:16
S46	7	S45 and ((frame or packet) adj priorit\$3)	USPAT	OR	ON	2006/05/30 17:55
S47	25	@ad< "20010220" and "PRI 7"	USPAT	OR	ON	2006/05/30 18:08

S48	2136	@ad<"20010220" and (("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") and "Medium Allocation Element" or MAE)	USPAT	OR	ON	2006/05/30 18:01
S49	148	"Beacon frame"	USPAT	OR	ON	2006/05/30 18:08
S50	94	@ad<"20010220" and "Beacon frame"	USPAT	OR	ON	2006/05/30 18:10
S53	45	medium adj allocation	USPAT	OR	ON	2006/05/30 18:11
S56	339	management adj frame	USPAT	OR	ON	2006/05/30 18:12
S57	51	management adj frame and beacon	USPAT	OR	ON	2006/05/30 18:12
S58	13	management adj frame near5 beacon	USPAT	OR	ON	2006/05/30 18:15
S59	41	("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn.	US-PGPUB; USPAT	OR	ON	2006/05/30 18:18

S60	6	("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn. and beacon	US-PCPUB; USPAT	OR	ON	2006/05/30 18:30
S61	4	("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn. and beacon and backoff	US-PCPUB; USPAT	OR	ON	2006/05/30 18:34
S66	108	(medium adj allocation)	US-PCPUB; USPAT	OR	ON	2006/05/30 18:30
S67	5	(medium adj allocation) and beacon	US-PCPUB; USPAT	OR	ON	2006/05/30 18:30
S68	34	beacon and (backoff near5 priorit\$3)	US-PCPUB; USPAT	OR	ON	2006/05/30 18:34
S69	4	@ad< "20010220" and (beacon and (backoff near5 priorit\$3))	US-PCPUB; USPAT	OR	ON	2006/05/30 18:35

S70	1	@ad<"20010220" and (("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") and remap\$5 and priorit\$3)	USPAT	OR	ON	2006/05/31 15:16
S71	11	("20020031123"   "20040062225"   "5220565"   "6134232"   "6175590"   "6222841"   "6522665"   "6697378").PN. OR ("6882634").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 15:18
S73	15	@ad<"20010220" and (remap\$5 near5 priorit\$3)	USPAT	OR	ON	2006/05/31 18:02
S74	1	"6732315".pn.	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:02
S75	0	@ad<"20010220" and (("medium allocation element" or (MAE)) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)))	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:03
S76	2477	"802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)))	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:05
S77	639	@ad<"20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)))	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:10
S78	34	@ad<"20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))) and ((MAP or "Media Allocation Point") or (MAE or "Medium Allocation Element"))	US-PGPUB; USPAT	OR	OFF	2006/11/20 15:11

S79	12	("20020015404" "20020061012" "20020131441" "20040114619" "6674765" "6862280" "6862630" "6868072" "6973094" "6999442" "7000031" "7031274").pn.	US-PGPUB; USPAT	OR	ON	2007/03/12 08:47
S80	4	((("7031287,") or ("7068633,") or ("7039032,") or ("7068632,") or ("7151762). pn.")).PN.	USPAT; USOCR	OR	OFF	2007/03/12 08:53
S81	34	("20020015404", "20020061012", "20020131441", 2004/0114619, "5572678", "6532279", "6563816", "6731627", "6778549", "6778646", "6804222", "6850981", "6862270", "6868072", "6877043", "6882634", "6888844", "6891881", "6898204", "6907066", "6909725", "6925089", "6928057", "6940918", "6947438", "6947480", "6950397", "6654800", "6963545", "6970422", "6973094", "6975655", "6999442", "7000031", "7031274").pn.	US-PGPUB; USPAT	OR	ON	2007/04/30 10:39
S82	3	@ad< "20010220" and ((HPNA or "Home Phone Networking Alliance") and contention and slot)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:11
S83	12	@ad< "20010220" and (signal adj slot adj "0")	US-PGPUB; USPAT	OR	ON	2007/04/30 11:12
S84	1	@ad< "20010220" and (contention and (signal adj slot adj "0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 11:12
S85	6	@ad< "20010220" and (resol \$7 and (signal adj slot adj "0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 11:17
S86	61	@ad< "20010220" and ("Contention Resolution Protocol")	US-PGPUB; USPAT	OR	ON	2007/04/30 11:19
S87	52	S86 and "0"	US-PGPUB; USPAT	OR	ON	2007/04/30 11:17

S88	7	@ad<"20010220" and ((("Contention Resolution Protocol") and ("slot 0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 11:22
S89	36	@ad<"20010220" and ((contention same resolution) and ("slot 0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 11:22
S90	7	@ad<"20010220" and ((contention same resolution) same ("slot 0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 11:22
S91	128	@ad<"20010220" and (conten\$7 same ("slot 0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 14:34
S92	1	@ad<"20010220" and (contention adj resolution same ("slot 0"))	US-PGPUB; USPAT	OR	ON	2007/04/30 14:34
S93	117	@ad<"20010220" and (contention adj resolution same slot)	US-PGPUB; USPAT	OR	ON	2007/04/30 14:34
S94	2	@ad<"20010220" and ((contention adj resolution) same "same slot")	US-PGPUB; USPAT	OR	ON	2007/04/30 14:36
S95	26	@ad<"20010220" and ((contention adj resolution) and "same slot")	US-PGPUB; USPAT	OR	ON	2007/04/30 14:41
S96	19	@ad<"20010220" and (resolution same "same slot")	US-PGPUB; USPAT	OR	ON	2007/04/30 14:42
S97	12	(back adj off) same (slot adj "0")	US-PGPUB; USPAT	OR	ON	2008/05/28 14:14
S98	1	(back adj off) same signal same slot and HPNA	US-PGPUB; USPAT	OR	ON	2008/05/28 14:15
S99	3	(back adj off) same signal same slot and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))	US-PGPUB; USPAT	OR	ON	2008/05/28 14:15
S101	236	@rlad<"20010220" and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))	US-PGPUB; USPAT	OR	ON	2008/05/28 14:18
S102	1211	(HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))	US-PGPUB; USPAT	OR	ON	2008/05/28 14:19
S103	19	@rlad<"20010220" and ((HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) same signal adj slot)	US-PGPUB; USPAT	OR	ON	2008/05/28 14:19
S104	3	("7298757" "7310326" "7293103").pn.	USPAT	OR	ON	2008/05/29 08:46



S105	6	Lin.in. and HPNA	US-PGPUB; USPAT	OR	ON	2008/05/29 09:15
S106	5	Sherman.in. and HPNA	US-PGPUB; USPAT	OR	ON	2008/05/29 09:16
S107	2	("7180855" "7142563").pn.	USPAT	OR	ON	2008/05/29 09:39
S108	1	(370/376,458,459.ccls. or 709/230,236.ccls.) and (HPNA and (back adj off))	US-PGPUB; USPAT	OR	ON	2008/05/29 10:45
S109	12	(370/376,458,459.ccls. or 709/230,236.ccls.) and (HPNA and conten\$5)	US-PGPUB; USPAT	OR	ON	2008/05/29 10:47
S110	466	(HPNA and (conten\$5 or (back\$3 adj off)))	US-PGPUB; USPAT	OR	ON	2008/05/29 10:49
S111	264	(HPNA and (conten\$5 or (back\$3 adj off)) and ("0" or zero))	US-PGPUB; USPAT	OR	ON	2008/05/29 10:49
S112	45	(HPNA and (conten\$5 or (back\$3 adj off)) and ("0" or zero) same priority)	US-PGPUB; USPAT	OR	ON	2008/05/29 10:49
S113	9	("6671276" "7142563" "7180855" "20020078247" "20020078249" "6810520" "6839345" "6765927" "6732315").pn.	US-PGPUB; USPAT	OR	ON	2008/10/07 07:02
S114	1	"6944148".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 11:26

7/ 8/ 2009 9:18:25 AM

C:\Documents and Settings\abaturray\Alicia's Documents\ EAST Searches\ 10042142-  
HPNANetwork.wsp